

Title (en)
ROTOR MOUNTING UNIT HAVING A COOLING FUNCTION

Title (de)
ROTORMONTAGEEINHEIT MIT KÜHLFUNKTION

Title (fr)
UNITÉ DE MONTAGE DE ROTOR À FONCTION DE REFROIDISSEMENT

Publication
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Application
EP 19794947 A 20191023

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Abstract (en)
[origin: WO2020104130A1] The invention relates to a rotor assembly (10) having an integrated heat conducting channel for a high-speed radial ventilator, comprising a bearing tube (20) which is axially open on the inside and in which a shaft (40) that supports a ventilator wheel (30) is mounted on bearings (24, 25), which shaft comprises a rotor (50) of a canned motor, wherein the bearing tube (20) has an outwardly protruding radial projection (21), a heat dissipation portion (23) of which at least partially extends beyond the outer circumference (31) of the ventilator wheel (30), and which provides an integrated heat conducting channel that extends from the bearing (24) to the heat dissipation portion (23).

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Citation (search report)
See references of WO 2020104130A1

Designated contracting state (EPC)
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